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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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JUL 3, 2004

Sheet

1

of

6

Complete if Known

Application Number	10/773,083
Filing Date	02/04/2004
First Named Inventor	Daniel J. CUA
Art Unit	1615 1644
Examiner Name	

Attorney Docket Number DX06023US01

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	DOCUMENT NUMBER Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear	T ⁶

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
B	AA	Andoh, et al. (2002) <i>Int. J. Mol. Med.</i> 10:631-634 "Interleukin (IL)-4 and IL-17 Synergistically Stimulate IL-6 Secretion in Human Colonic Myofibroblasts"	
	AB	Annacker, et al. (2001) <i>J. Immunol.</i> 166:3008-3018 "CD25 ⁺ CD4 ⁺ T Cells Regulate the Expansion of Peripheral CD4 T Cells Through the Production of IL-10 ¹ "	
	AC	Atreya, et al. (2000) <i>Nature Med.</i> 6:583-588 "Blockade of interleukin 6 trans signaling suppresses T-cell resistance against apoptosis in chronic intestinal inflammation: Evidence in Crohn disease and experimental colitis <i>in vivo</i> "	
	AD	Berg, et al. (1996) <i>J. Clin. Invest.</i> 98:1010-1012 "Enterocolitis and Colon Cancer in Interleukin-10-deficient Mice Are Associated with Aberrant Cytokine Production and CD4 ⁺ TH1-like Responses"	
B	AE	Bhan, et al. (1999) <i>Immunol. Rev.</i> 169:195-207 "Colitis in transgenic and knockout animals as models of human inflammatory bowel disease"	

Examiner Signature	<i>leya</i>	Date Considered	10/14/05
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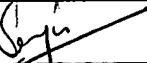
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/773,083
Sheet	2	of	6	Filing Date	02/04/2004
				First Named Inventor	Daniel J. CUA
				Art Unit	1615- 1644
				Examiner Name	
				Attorney Docket Number	DX06023US01

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S/	AF	Boddeke (2001) <i>Euro. J. Pharmacol.</i> 429:115-119 "Involvement of chemokines in pain"	
	AG	Bouma and Strober (2003) <i>Nat. Rev. Immunol.</i> 3:521-533 "The Immunological and Genetic Basis of Inflammatory Bowel Disease"	
	AH	Calcutt (2002) <i>Int. Rev. Neurobiol.</i> 50:205-228 "Potential Mechanisms of Neuropathic Pain in Diabetes"	
	AI	Chu, et al. (2000) <i>J. Exp. Med.</i> 192:123-128 "Failure to Suppress the Expansion of the Activated CD4 T Cell Population in Interferon γ -deficient Mice Leads to Exacerbation of Experimental Autoimmune Encephalomyelitis"	
	AJ	Cua, et al. (2003) <i>Nature</i> 421:744-748 "Interleukin-23 rather than interleukin-12 is the critical cytokine for autoimmune inflammation of the brain"	
	AK	Davidson, et al. (1998) <i>J. Immunol.</i> 161:3143-3149 "IL-12, But Not IFN- γ , Plays a Major Role in Sustaining the Chronic Phase of Colitis in IL-10-Deficient Mice"	
	AL	Davidson, et al. (1996) <i>J. Exp. Med.</i> 184:241-251 "T Helper Cell 1-type CD4 $^{+}$ T Cells, but Not B Cells, Mediate Colitis in Interleukin 10-deficient Mice"	
	AM	Elkins, et al. (2002) <i>Infection Immunity</i> 70:1936-1948 "In Vivo Clearance of an Intracellular Bacterium, <i>Francisella tularensis</i> LVS, Is Dependent on the p40 Subunit of Interleukin-12 (IL-12) but Not on IL-12 p70"	
	AN	Fossiez (1998) <i>Int. Rev. Immunol.</i> 16:541-551 "Interleukin-17"	
	AO	Frucht (2002) <i>Sci STKE</i> 2002, E1-E3 "IL-23: A Cytokine That Acts on Memory T Cells"	
S/	AP	Fujino, et al. (2003) <i>Gut</i> 52:65-70 "Increased expression of interleukin 17 in inflammatory bowel disease"	

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				Art Unit	1615-1644
				Examiner Name	
Sheet	3	of	6	Attorney Docket Number	DX06023US01

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Q	AQ	Green (2003) <i>The Lancet</i> 362:383-391 "Coeliac disease"	
	AR	Griffin and Mrak (2002) <i>J. Leukocyte Biol.</i> 72:233-238 "Interleukin-1 in the genesis and progression of and risk for development of neuronal degeneration in Alzheimer's disease"	
	AS	Gross, et al. (1992) <i>Gastroenterol.</i> 102:514-519 "Evidence for Continuous Stimulation of Interleukin-6 Production in Crohn's Disease"	
	AT	Hanauer (1996) <i>New Engl. J. Med.</i> 334:841-848 "Inflammatory Bowel Disease"	
	AU	Hata, et al. (2002) <i>Am. J. Physiol. Gastrointest. Liver Physiol.</i> 282:G1035-G1044 "IL-17 stimulates inflammatory responses via NF-κB and MAP kinase pathways in human colonic myofibroblasts"	
	AV	Hickey, et al. (1991) <i>J. Neurosci. Res.</i> 28, 254-60 "T-Lymphocyte Entry Into the Central Nervous System"	
	AW	Hoozemans, et al. (2001) <i>Exp. Gerontol.</i> 36:559-570 "Interleukin-1 β induced cyclooxygenase 2 expression and prostaglandin E2 secretion by human neuroblastoma cells: implications for Alzheimer's disease"	
	AX	Horwitz and Fisher (2001) <i>New Engl. J. Med.</i> 344:1846-1850 "The Irritable Bowel Syndrome"	
	AY	Hurst, et al. (2002) <i>J. Immunol.</i> 169:443-453 "New IL-17 Family Members Promote Th1 or Th2 Responses in the Lung: In Vivo Function of the Novel Cytokine IL-25"	
	AZ	Ilzecka, et al. (2002) <i>Cytokine</i> 20:239-243 'Transforming Growth Factor-Beta 1 (TGF-BETA 1) in Patients with Amyotrophic Lateral Sclerosis'	
Q	BA	Ito, et al. (2002) <i>J Gastroenterol.</i> 37 Suppl. 14:56-61. "Anti-IL-6 receptor monoclonal antibody inhibits leukocyte recruitment and promotes T-cell apoptosis in a murine model of Crohn's disease"	

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				Application Number	10/773,083
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				First Named Inventor	Daniel J. CUA
				Art Unit	1615 1644
Examiner Name					
Sheet	4	of	6	Attorney Docket Number	DX06023US01

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	BB	Kostulas, et al. (1999) <i>Stroke</i> 30:2174-2179 "Increased IL-1 β , IL-8, and IL-17 mRNA Expression in Blood Mononuclear Cells Observed in a Prospective Ischemic Stroke Study"			T ²
	BC	Levy (1996) <i>New Engl. J. Med.</i> 335:1124-1132 "Pharmacologic Treatment of Cancer Pain"			
	BD	Li, et al. (2001) <i>J. Neuroimmunol.</i> 116:5-14 "IL-17 and IFN- γ mRNA expression is increased in the brain and systemically after permanent middle cerebral artery occlusion in the rat"			
	BE	Lindenlaub and Sommer (2003) <i>Acta Neuropathol. (Ber.)</i> 105:593-602 "Cytokines in sural nerve biopsies from inflammatory and non-inflammatory neuropathies"			
	BF	Lock, et al. (2002) <i>Nature Med.</i> 8:500-508 "Gene-microarray analysis of multiple sclerosis lesions yields new targets validated in autoimmune encephalomyelitis"			
	BG	Matthys, et al. (2000) <i>J. Leukocyte Biology</i> 68:447-454 "The protective effect of IFN- γ in experimental autoimmune diseases: a central role of mycobacterial adjuvant-induced myelopoiesis"			
	BH	Matthys, et al. (2001) <i>Trends Immunol.</i> 22:367-371 "Mac-1+ myelopoiesis induced by CFA: a clue to the paradoxical effects of IFN- γ in autoimmune disease models"			
	BI	Matusevicius, et al. (1999) <i>Multiple Sclerosis</i> 5:101-104 "Interleukin-17 mRNA expression in blood and CSF mononuclear cells is augmented in multiple sclerosis"			
	BJ	McManus and Kelleher (2003) <i>New Engl. J. Med.</i> 348:2573-2574 "Celiac Disease – The Villain Unmasked?"			
GD	BK	Neurath, et al. (1995) <i>J. Exp. Med.</i> 182:1281-1290 "Antibodies to Interleukin 12 Abrogate Established Experimental Colitis in Mice"			

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B	BL	Nielsen, et al. (2003) <i>Scand. J. Gastroenterol.</i> 38:180-185 "Upregulation of Interleukin-12 and -17 in Active Inflammatory Bowel Disease"	
	BM	Oppmann, et al. (2000) <i>Immunity</i> 13:715-725 "Novel p19 Protein Engages IL-12p40 to Form a Cytokine, IL-23, with Biological Activities Similar as Well as Distinct from IL-12"	
	BN	Parham, et al. (2002) <i>J Immunol</i> 168:5699-708 "A Receptor for the Heterodimeric Cytokine IL-23 Is Composed of IL-12R β 1 and a Novel Cytokine Receptor Subunit, IL-23R"	
	BO	Podolsky (2002) <i>New Engl. J. Med.</i> 347:417-429 "Inflammatory Bowel Disease"	
	BP	Rutkowski and DeLeo (2002) <i>Drug News Perspect.</i> 15:626-632 "Future directions in CNS cytokine modulation and the role of nonneuronal cells in stimuli that produce heightened sensitivity will elucidate new avenues of pain management and prevention"	
	BQ	Sedgwick, et al. (1991) <i>Proc. Natl. Acad. Sci. U S A</i> 88:7438-7442 "Isolation and direct characterization of resident microglial cells from the normal and inflamed central nervous system"	
	BR	Shin, et al. (1999) <i>Cytokine</i> 11:257-266 "Expression of IL-17 in Human Memory CD45RO $^{+}$ T Lymphocytes and its Regulation by Protein Kinase a Pathway"	
	BS	Sommer (2003) <i>Curr. Opin. Neurol.</i> 16:623-628 "Painful neuropathies"	
	BT	Starnes, et al. (2001) <i>J. Immunol.</i> 167:4137-4140 "IL-17F, a Novel Cytokine Selectively Expressed in Activated T Cells and Monocytes, Regulates Angiogenesis and Endothelial Cell Cytokine Production"	
Q	BU	Vrinten, et al. (2001) <i>Euro. J. Pharmacol.</i> 429:61-69 "Neuropathic pain: a possible role for the melanocortin system?"	

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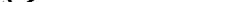
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				Art Unit	#615 1644
				Examiner Name	
Sheet	6	of	6	Attorney Docket Number	DX06023US01

NON PATENT LITERATURE DOCUMENTS

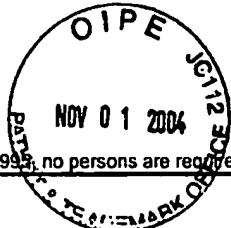
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Sheet	1	of	2	Attorney Docket Number	DX06023 US 01

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		Country Code ³ *Number ⁴ Kind Code ⁵ (if known)				
BL	CA	WO 01/85790 A2	11-15-2001	Schering Corporation		

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